

## **CLAIM AMENDMENTS**

Please amend the claims as follows:

Claims 1-16 (**Cancelled**)

17. (**New**) An antibody that binds a peptide sequence of SP22 (SEQ ID NO: 3) exposed on the sperm surface.

18. (**New**) The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 34-48 of SEQ ID NO: 3.

19. (**New**) The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 88-102 of SEQ ID NO: 3.

20. (**New**) The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 118-132 of SEQ ID NO: 3.

21. (**New**) The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 136-150 of SEQ ID NO: 3.